

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127386.D
 Acq On : 17 Mar 2022 20:10
 Operator : CG\JU
 Sample : N1956-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TPK-2

Quant Time: Mar 18 04:40:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

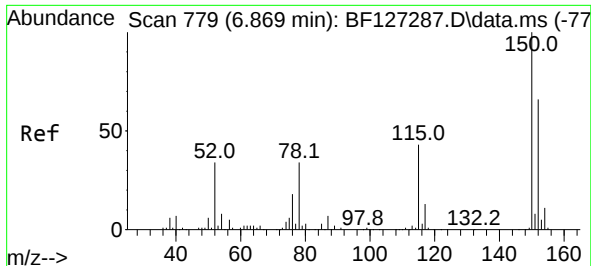
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	88204	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	282666	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	132557	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	217666	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	140491	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	98959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	278220	50.707	ng	0.00
7) Phenol-d6	6.498	99	483202	64.018	ng	0.00
23) Nitrobenzene-d5	7.433	82	327028	47.780	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	22034	15.441	ng	-0.01
45) 2-Fluorobiphenyl	9.221	172	469769	50.103	ng	-0.01
79) Terphenyl-d14	12.986	244	485333	59.486	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.457	42	16457	3.923	ng	# 1
9) Benzaldehyde	6.439	77	93	Below Cal		# 36
19) n-Nitroso-di-n-propyla...	7.433	70	45615	9.684	ng	# 87
25) Isophorone	7.433	82	326690	29.683	ng	# 69
32) Benzoic acid	8.063	122	100	6.654	ng	# 76
71) Phenanthrene	11.421	178	107898	9.390	ng	98
72) Anthracene	11.474	178	23782	2.090	ng	97
75) Fluoranthene	12.615	202	103696	8.071	ng	93
78) Pyrene	12.845	202	102280	9.347	ng	99
81) Benzo(a)anthracene	14.039	228	32590	3.445	ng	# 93
83) Chrysene	14.074	228	34268	3.895	ng	# 96
88) Benzo(b)fluoranthene	15.098	252	34832	5.362	ng	# 91
89) Benzo(k)fluoranthene	15.098	252	34832	5.703	ng	# 90
90) Benzo(a)pyrene	15.474	252	17488	3.419	ng	92
92) Benzo(g,h,i)perylene	17.509	276	10911	2.254	ng	# 83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Mar 18 04:40:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
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QLast Update : Thu Mar 10 16:51:53 2022
Response via : Initial Calibration

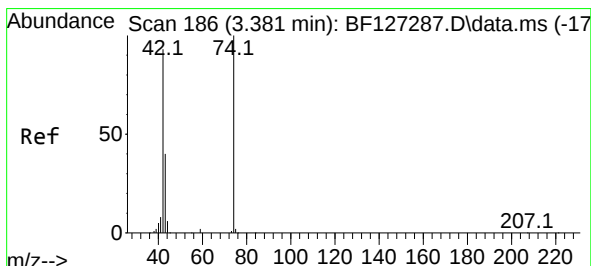
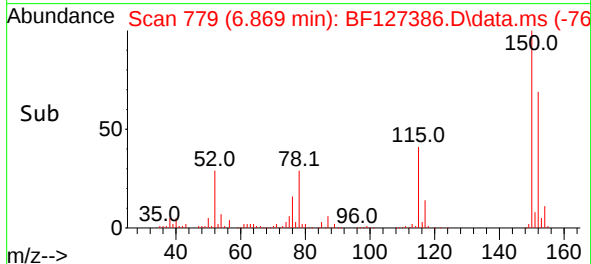
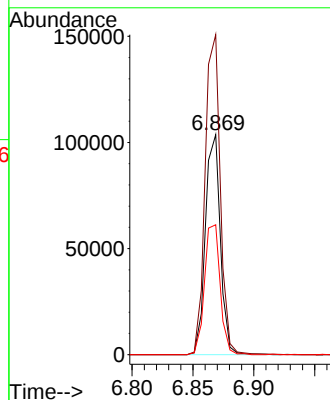
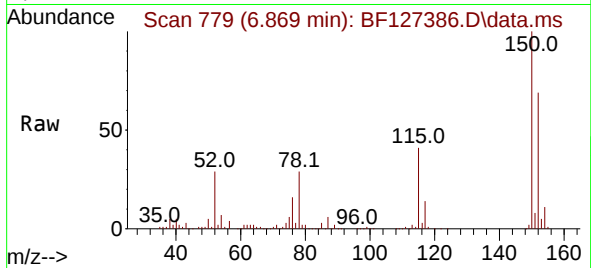




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF127386.D
 Acq: 17 Mar 2022 20:10

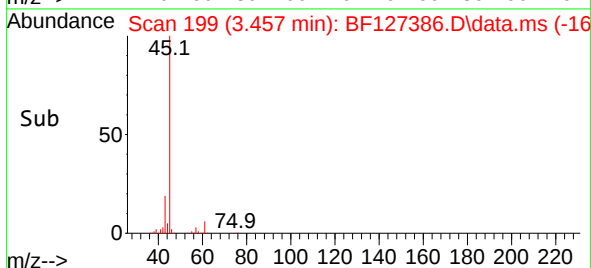
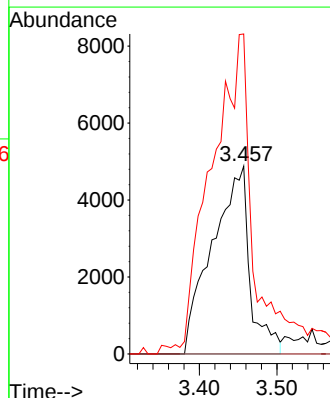
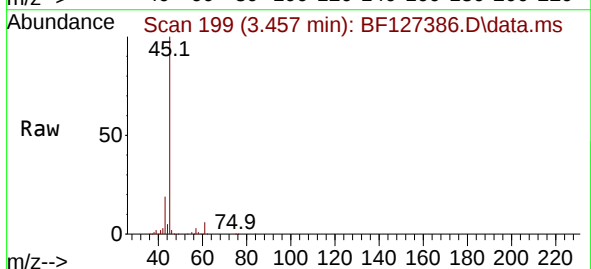
Instrument :
 BNA_F
 ClientSampleId :
 TPK-2

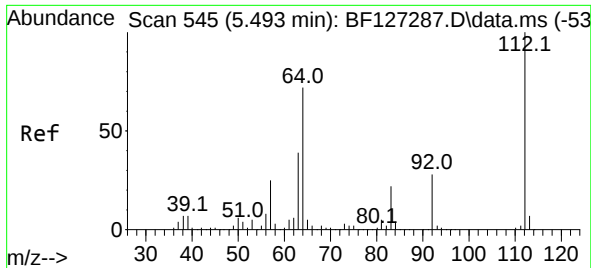
Tgt Ion:152 Resp: 88204
 Ion Ratio Lower Upper
 152 100
 150 145.5 128.1 192.1
 115 59.0 56.7 85.1



#4
 n-Nitrosodimethylamine
 Concen: 3.923 ng
 RT: 3.457 min Scan# 199
 Delta R.T. 0.076 min
 Lab File: BF127386.D
 Acq: 17 Mar 2022 20:10

Tgt Ion: 42 Resp: 16457
 Ion Ratio Lower Upper
 42 100
 74 0.0 125.6 188.4#
 44 170.4 5.7 8.5#

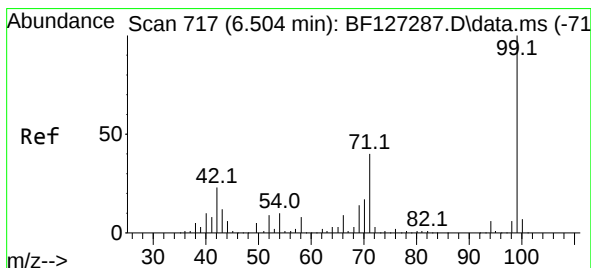
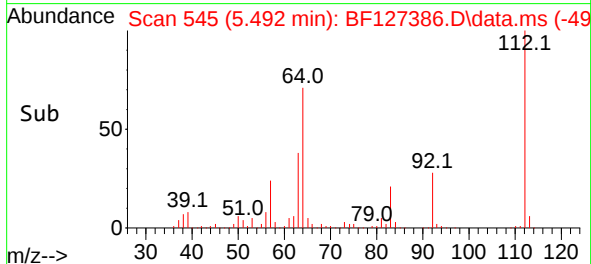
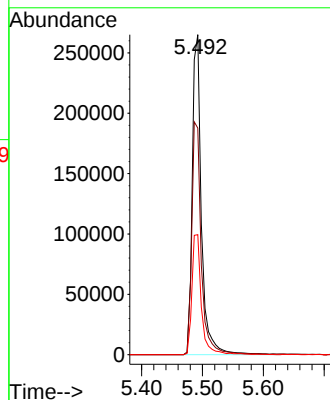
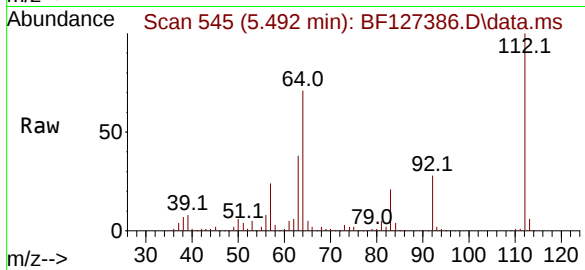




#5
2-Fluorophenol
Concen: 50.707 ng
RT: 5.492 min Scan# 54
Delta R.T. -0.000 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

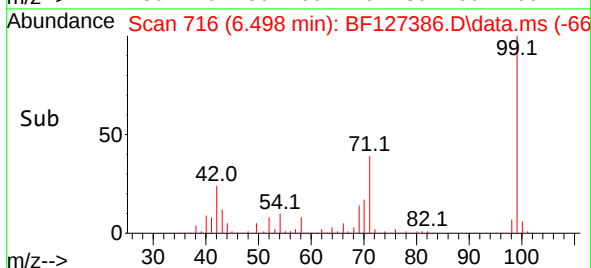
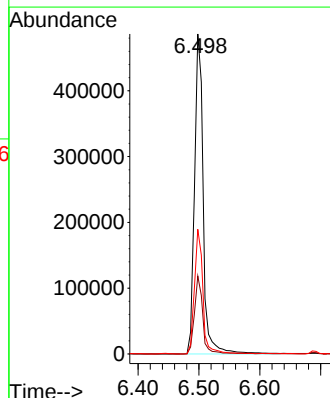
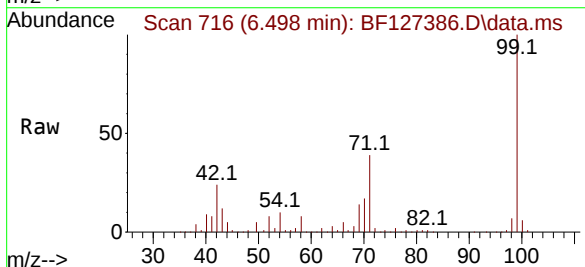
Instrument :
BNA_F
ClientSampleId :
TPK-2

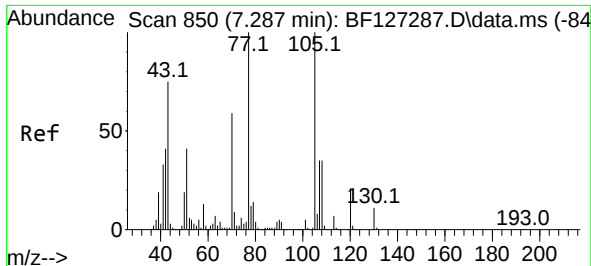
Tgt Ion:112 Resp: 278220
Ion Ratio Lower Upper
112 100
64 70.8 49.5 74.3
63 37.5 23.9 35.9#



#7
Phenol-d6
Concen: 64.018 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

Tgt Ion: 99 Resp: 483202
Ion Ratio Lower Upper
99 100
42 24.4 14.2 21.4#
71 39.0 24.3 36.5#

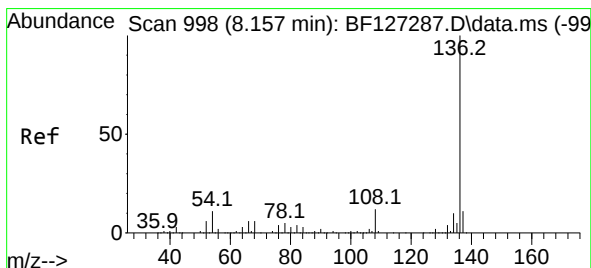
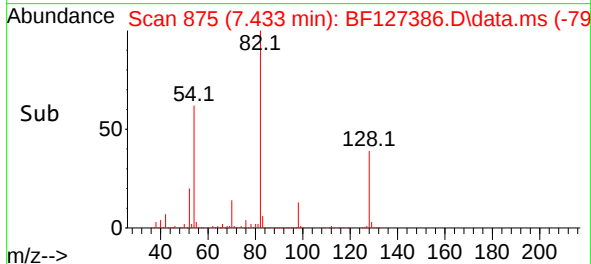
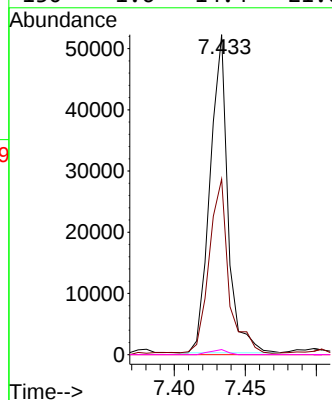
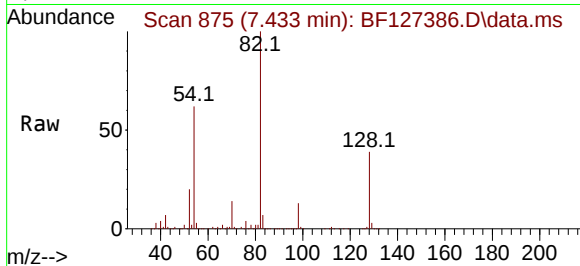




#19
n-Nitroso-di-n-propylamine
Concen: 9.684 ng
RT: 7.433 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

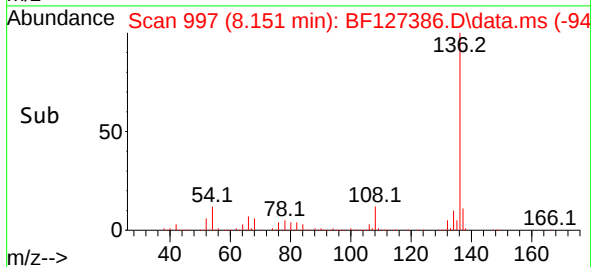
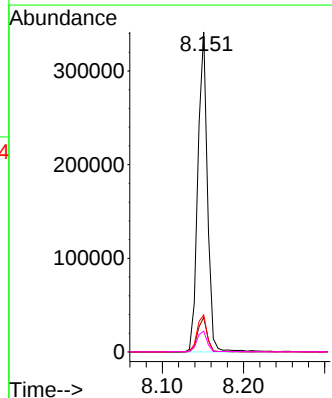
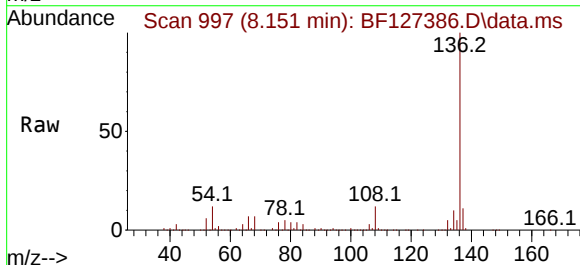
Instrument :
BNA_F
ClientSampleId :
TPK-2

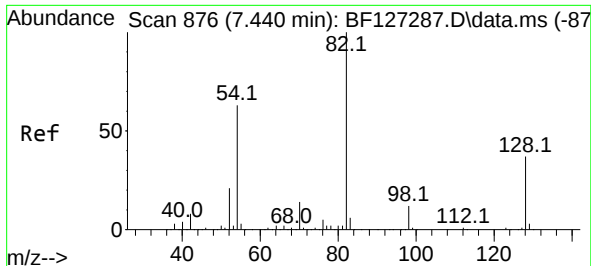
Tgt Ion: 70 Resp: 45615
Ion Ratio Lower Upper
70 100
42 54.9 45.8 68.8
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

Tgt Ion:136 Resp: 282666
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.6 7.8 11.6
68 6.5 6.3 9.5

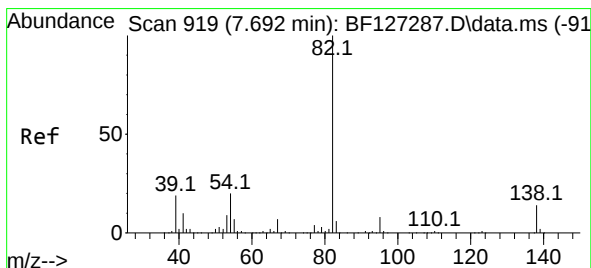
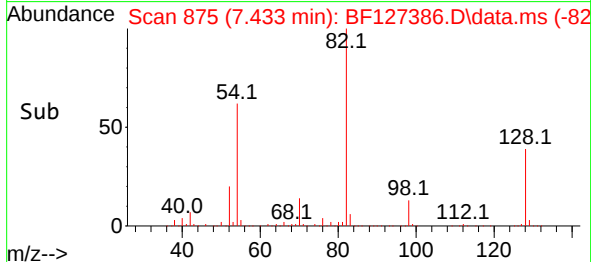
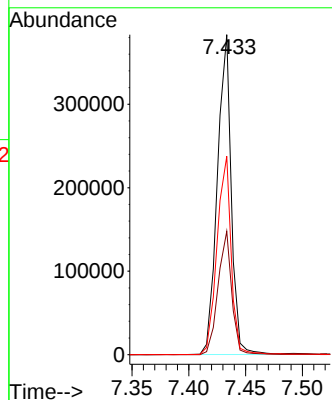
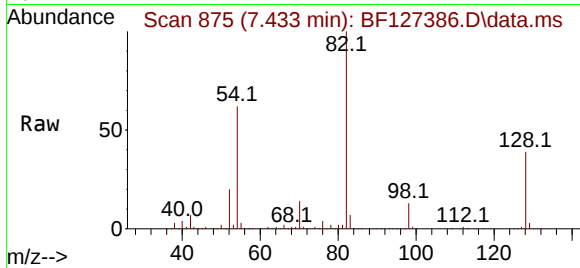




#23
Nitrobenzene-d5
Concen: 47.780 ng
RT: 7.433 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

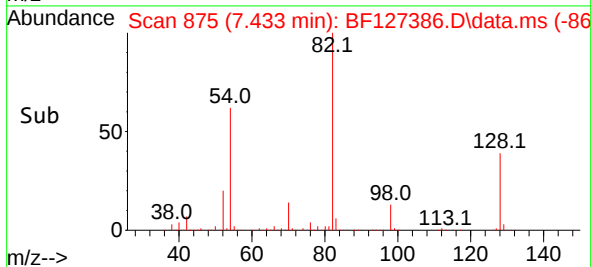
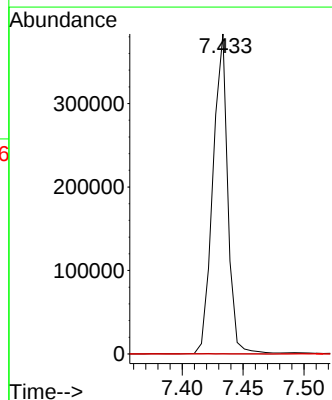
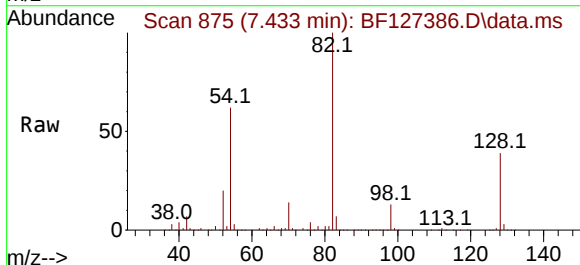
Instrument :
BNA_F
ClientSampleId :
TPK-2

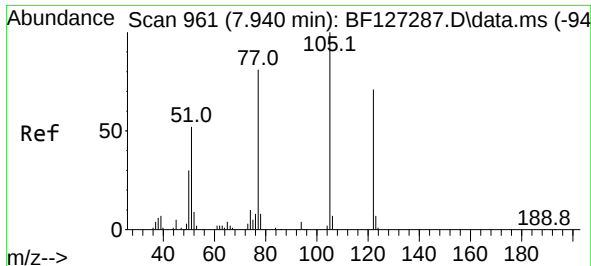
Tgt Ion: 82 Resp: 327028
Ion Ratio Lower Upper
82 100
128 38.6 32.7 49.1
54 62.0 41.7 62.5



#25
Isophorone
Concen: 29.683 ng
RT: 7.433 min Scan# 875
Delta R.T. -0.259 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

Tgt Ion: 82 Resp: 326690
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#

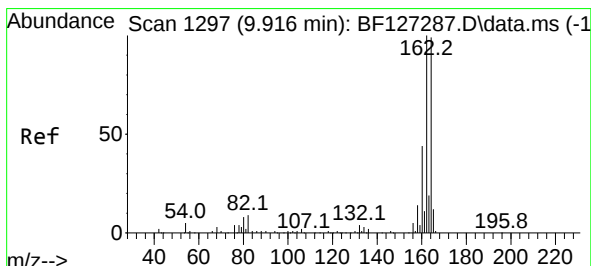
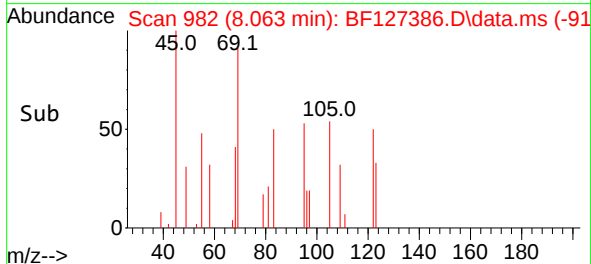
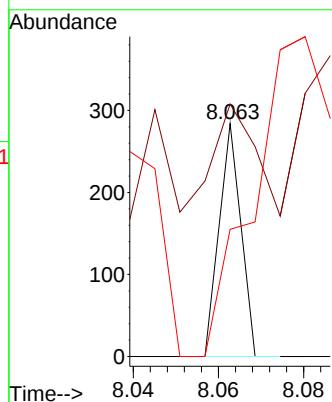
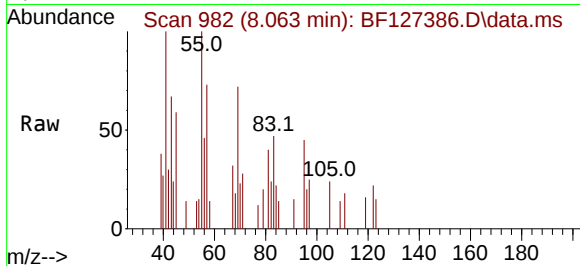




#32
Benzoic acid
Concen: 6.654 ng
RT: 8.063 min Scan# 91
Delta R.T. 0.123 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

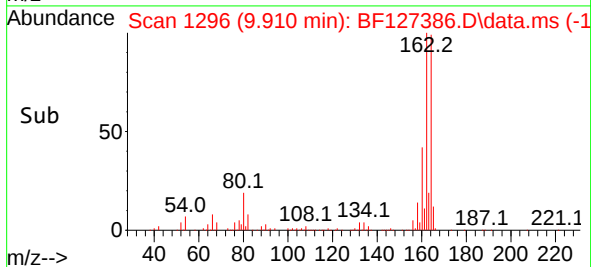
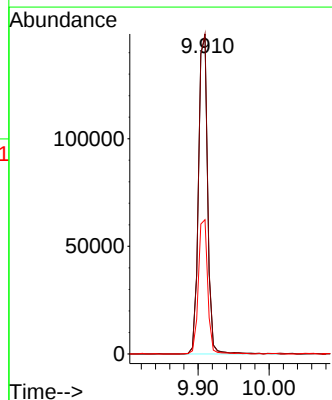
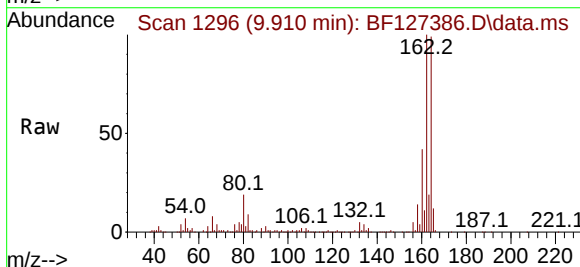
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BNA_F
ClientSampleId :
TPK-2

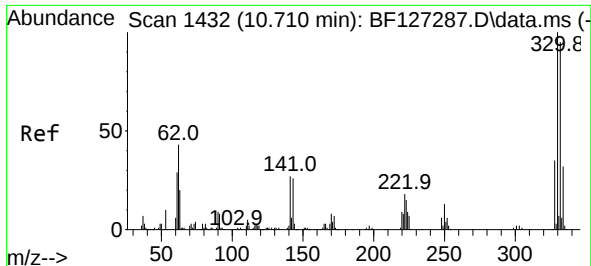
Tgt Ion:122 Resp: 100
Ion Ratio Lower Upper
122 100
105 108.5 101.0 141.0
77 54.6 74.5 114.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

Tgt Ion:164 Resp: 132557
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 42.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 15.441 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF127386.D

Acq: 17 Mar 2022 20:10

Instrument :

BNA_F

ClientSampleId :

TPK-2

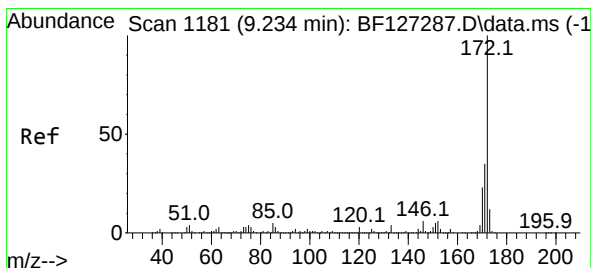
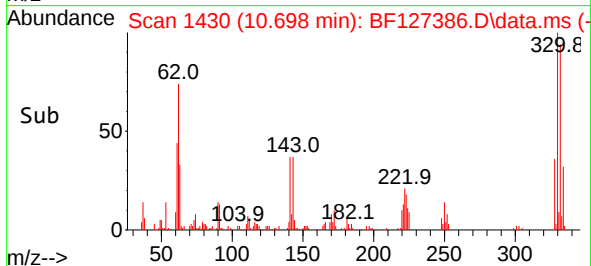
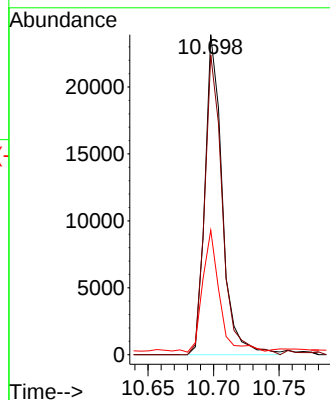
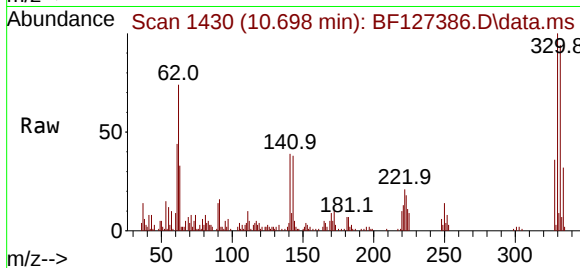
Tgt Ion:330 Resp: 22034

Ion Ratio Lower Upper

330 100

332 95.7 76.0 114.0

141 35.9 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 50.103 ng

RT: 9.221 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF127386.D

Acq: 17 Mar 2022 20:10

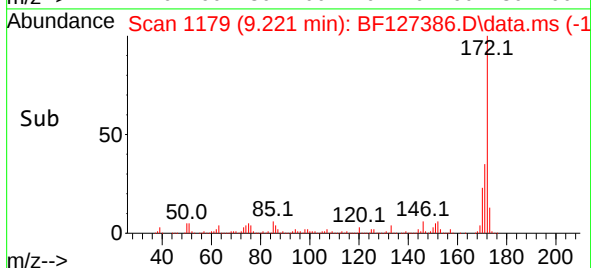
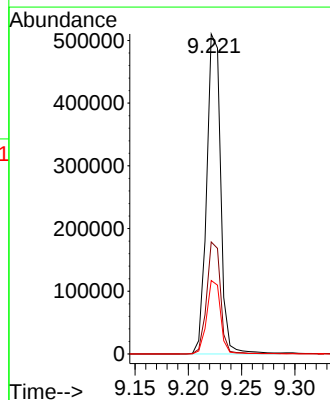
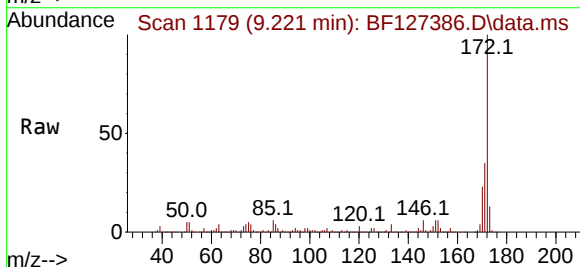
Tgt Ion:172 Resp: 469769

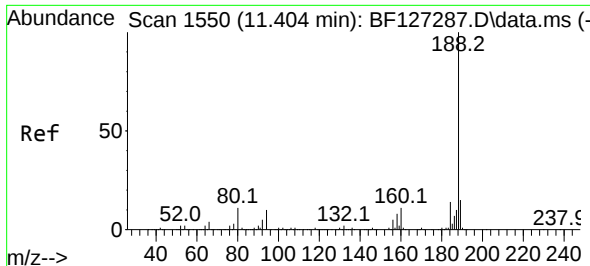
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.0 19.0 28.6

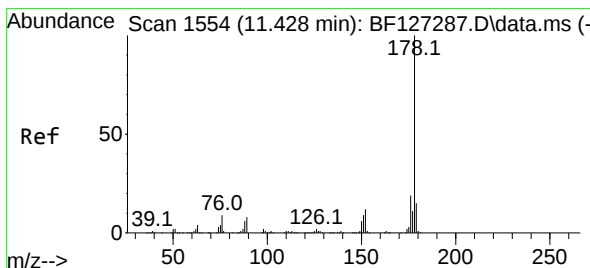
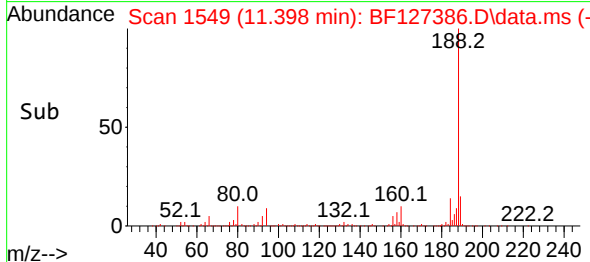
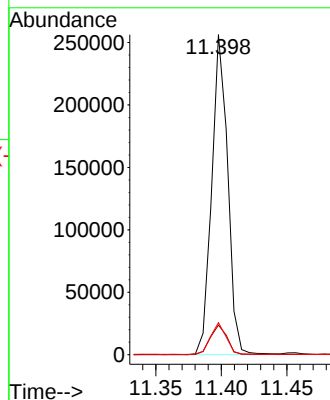
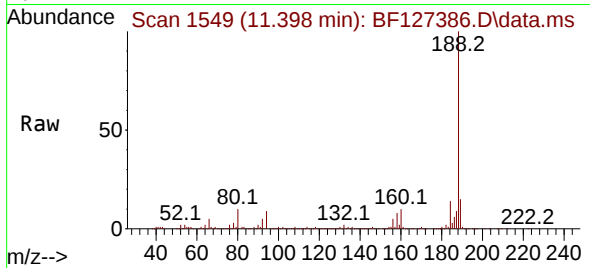




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

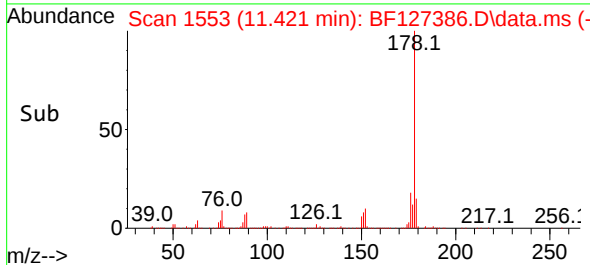
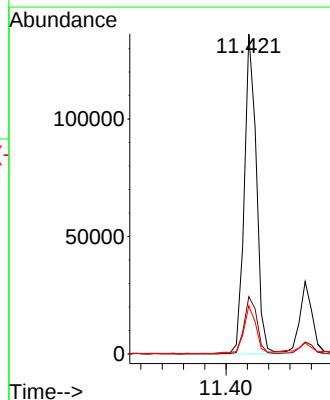
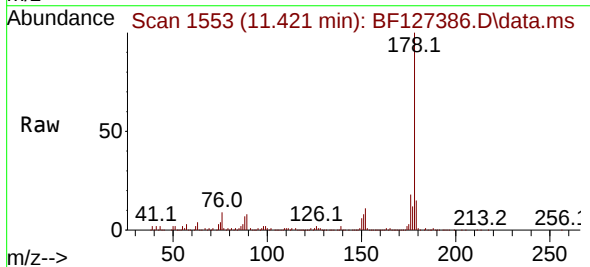
Instrument :
BNA_F
ClientSampleId :
TPK-2

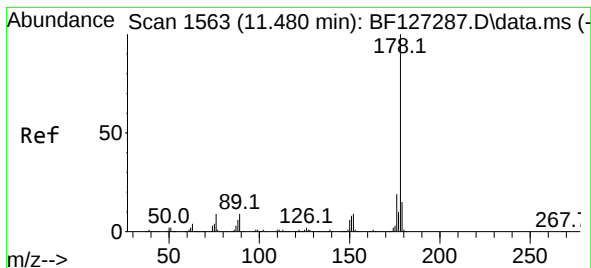
Tgt Ion:188 Resp: 217666
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.0 11.8 17.6#



#71
Phenanthrene
Concen: 9.390 ng
RT: 11.421 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

Tgt Ion:178 Resp: 107898
Ion Ratio Lower Upper
178 100
176 17.9 15.7 23.5
179 15.1 12.3 18.5





#72

Anthracene

Concen: 2.090 ng

RT: 11.474 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127386.D

Acq: 17 Mar 2022 20:10

Instrument :

BNA_F

ClientSampleId :

TPK-2

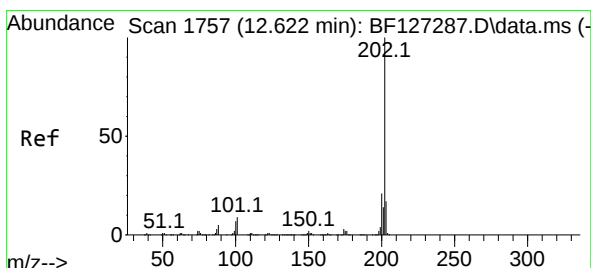
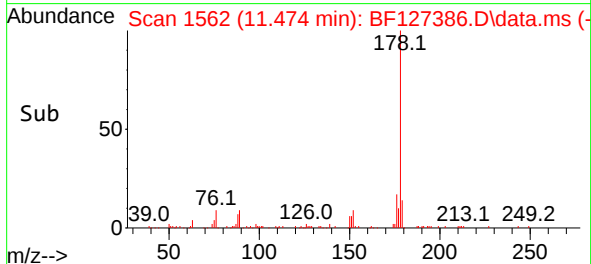
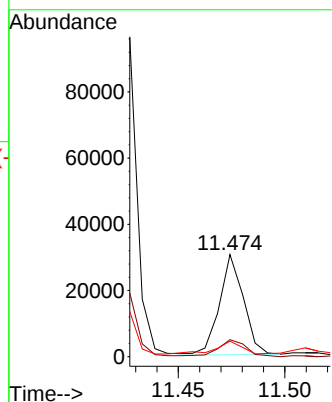
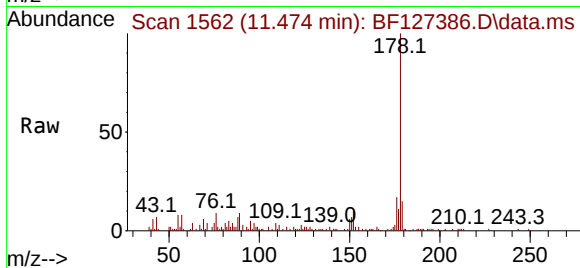
Tgt Ion:178 Resp: 23782

Ion Ratio Lower Upper

178 100

176 16.6 15.0 22.6

179 15.2 12.5 18.7



#75

Fluoranthene

Concen: 8.071 ng

RT: 12.615 min Scan# 1756

Delta R.T. -0.006 min

Lab File: BF127386.D

Acq: 17 Mar 2022 20:10

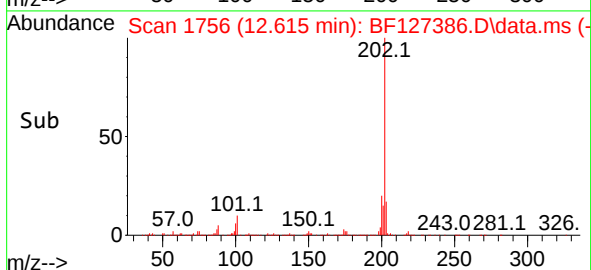
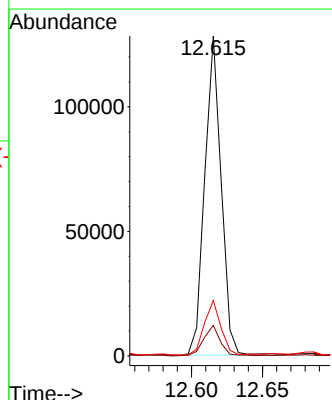
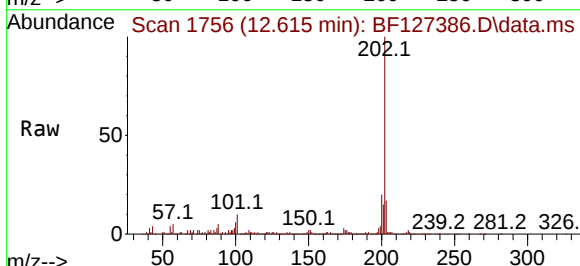
Tgt Ion:202 Resp: 103696

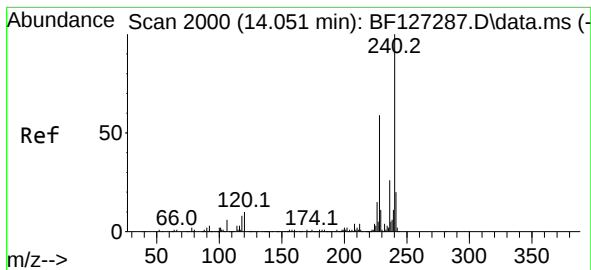
Ion Ratio Lower Upper

202 100

101 9.5 0.0 35.7

203 17.3 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF127386.D

Acq: 17 Mar 2022 20:10

Instrument :

BNA_F

ClientSampleId :

TPK-2

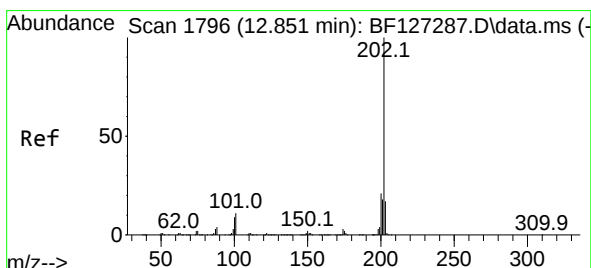
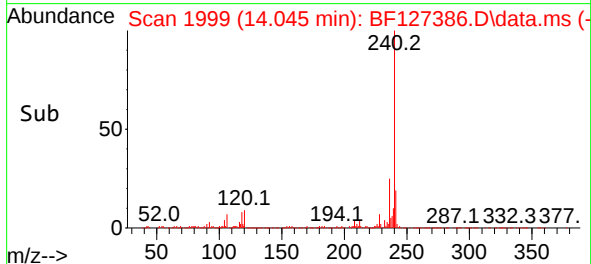
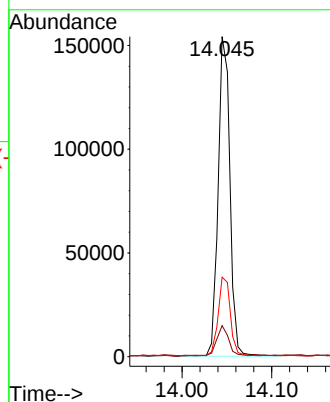
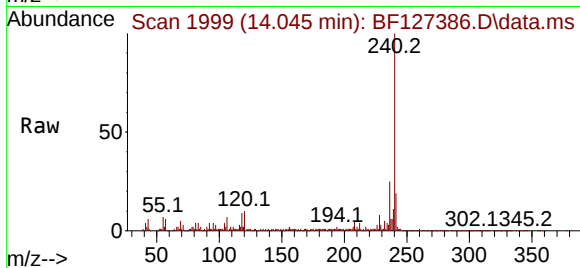
Tgt Ion:240 Resp: 140491

Ion Ratio Lower Upper

240 100

120 9.7 14.4 21.6#

236 24.8 20.5 30.7



#78

Pyrene

Concen: 9.347 ng

RT: 12.845 min Scan# 1795

Delta R.T. -0.006 min

Lab File: BF127386.D

Acq: 17 Mar 2022 20:10

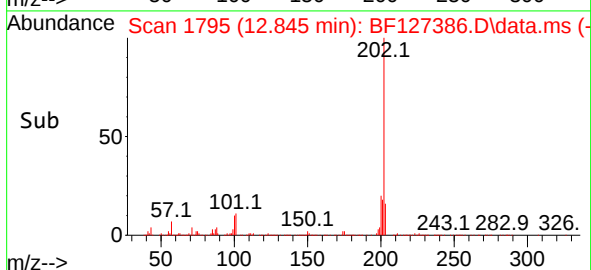
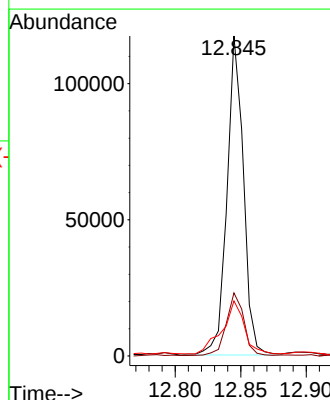
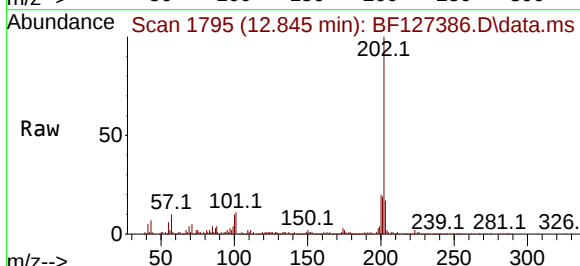
Tgt Ion:202 Resp: 102280

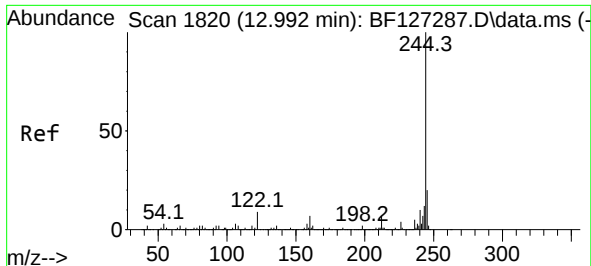
Ion Ratio Lower Upper

202 100

200 19.7 16.6 24.8

203 17.2 13.8 20.8

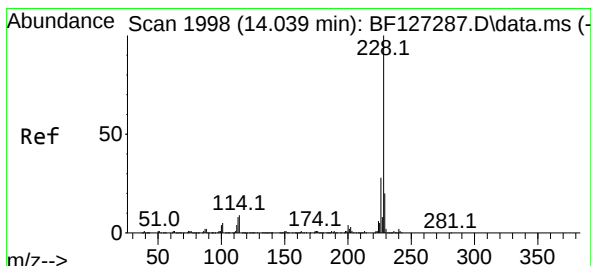
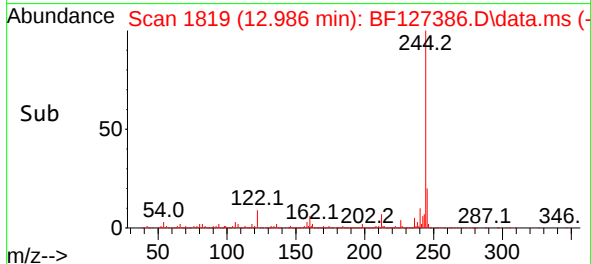
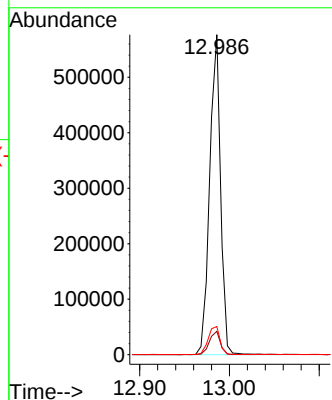
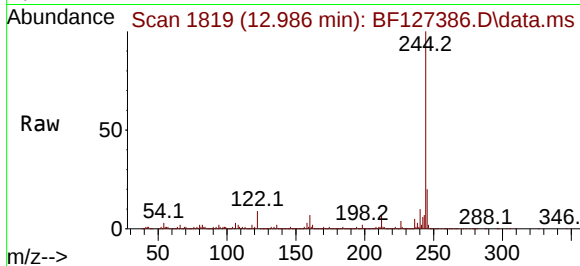




#79
 Terphenyl-d14
 Concen: 59.486 ng
 RT: 12.986 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: BF127386.D
 Acq: 17 Mar 2022 20:10

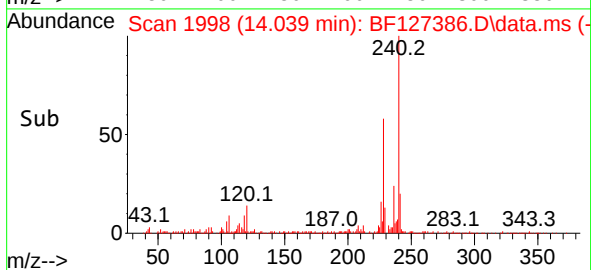
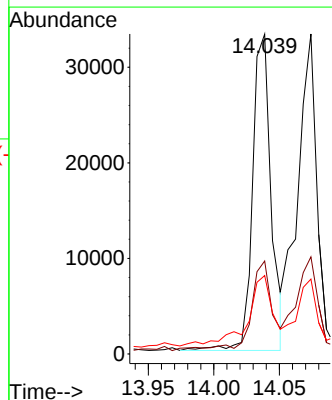
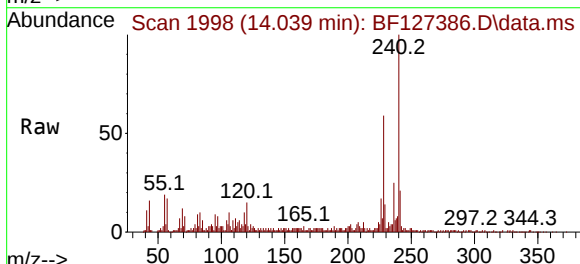
Instrument :
 BNA_F
 ClientSampleId :
 TPK-2

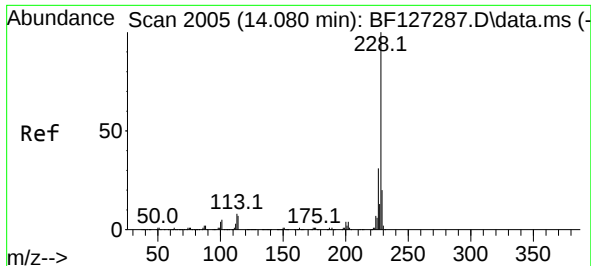
Tgt Ion:244 Resp: 485333
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 8.8 13.3 19.9#



#81
 Benzo(a)anthracene
 Concen: 3.445 ng
 RT: 14.039 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: BF127386.D
 Acq: 17 Mar 2022 20:10

Tgt Ion:228 Resp: 32590
 Ion Ratio Lower Upper
 228 100
 226 29.1 21.4 32.0
 229 24.5 15.4 23.2#

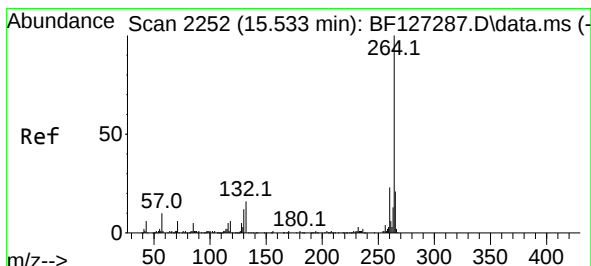
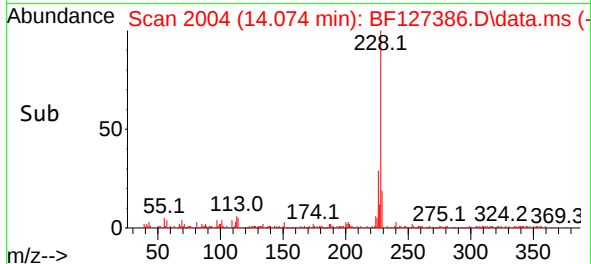
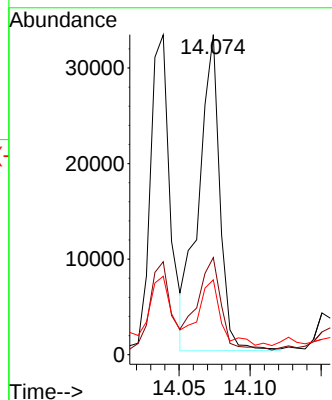
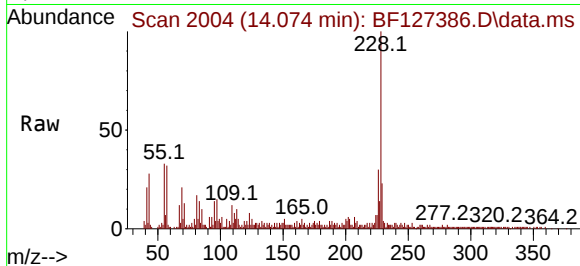




#83
Chrysene
Concen: 3.895 ng
RT: 14.074 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

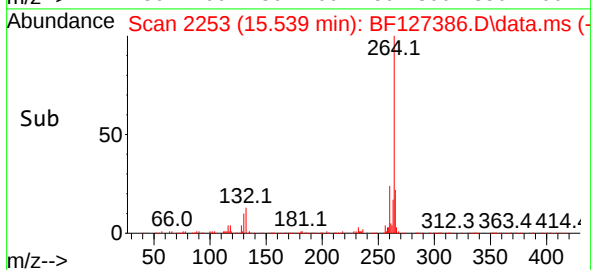
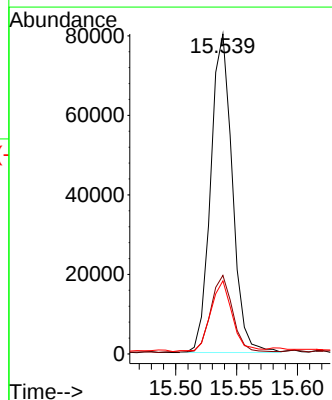
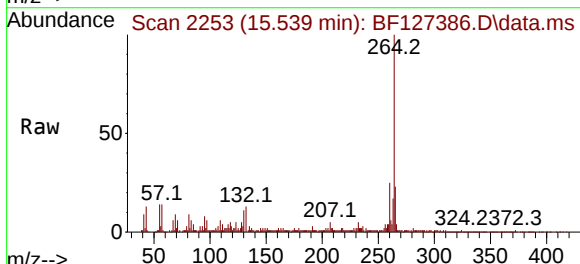
Instrument :
BNA_F
ClientSampleId :
TPK-2

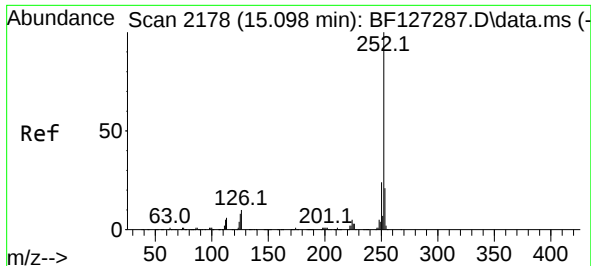
Tgt Ion:228 Resp: 34268
Ion Ratio Lower Upper
228 100
226 30.4 23.7 35.5
229 23.4 15.5 23.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2253
Delta R.T. 0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

Tgt Ion:264 Resp: 98959
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 22.8 17.4 26.2

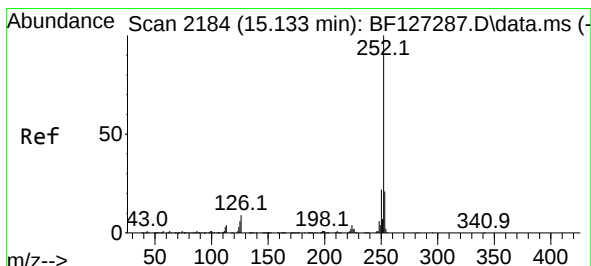
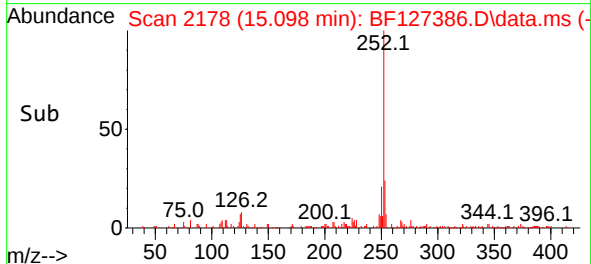
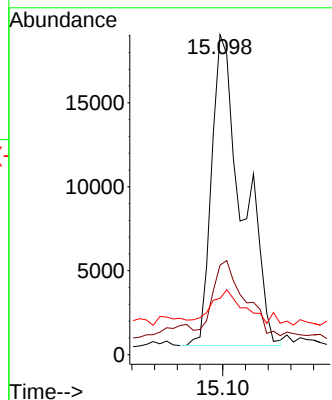
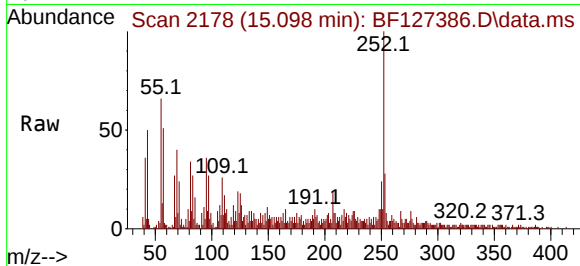




#88
Benzo(b)fluoranthene
Concen: 5.362 ng
RT: 15.098 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

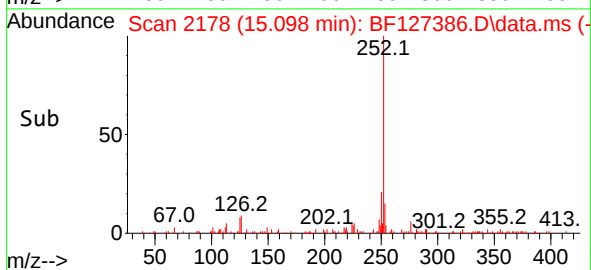
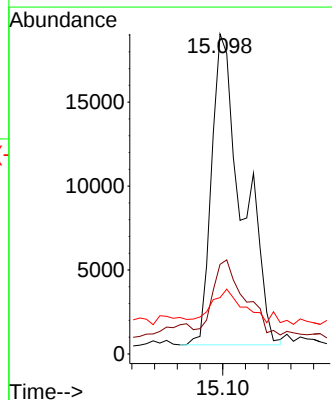
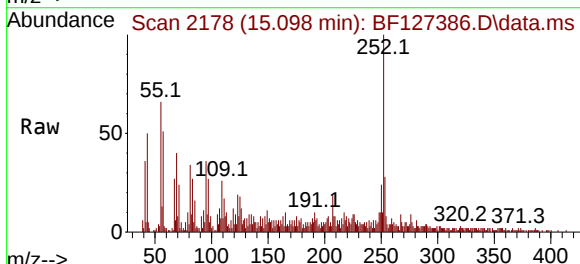
Instrument :
BNA_F
ClientSampleId :
TPK-2

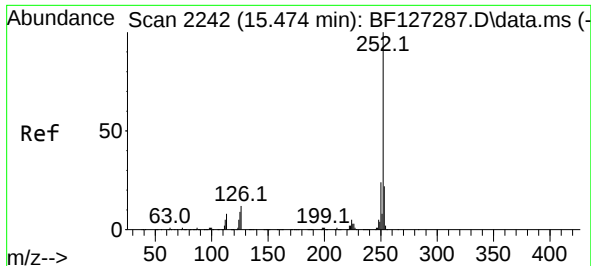
Tgt Ion:252 Resp: 34832
Ion Ratio Lower Upper
252 100
253 28.0 17.8 26.8#
125 17.6 12.4 18.6



#89
Benzo(k)fluoranthene
Concen: 5.703 ng
RT: 15.098 min Scan# 2178
Delta R.T. -0.036 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

Tgt Ion:252 Resp: 34832
Ion Ratio Lower Upper
252 100
253 28.0 17.5 26.3#
125 17.6 11.8 17.6

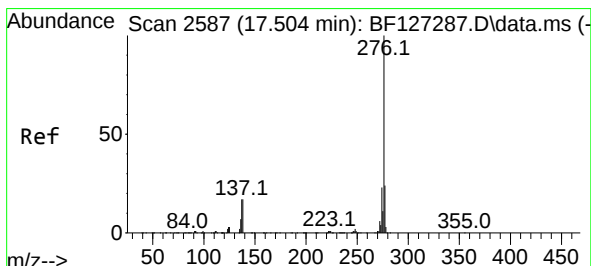
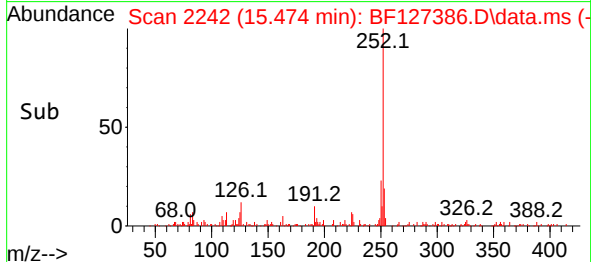
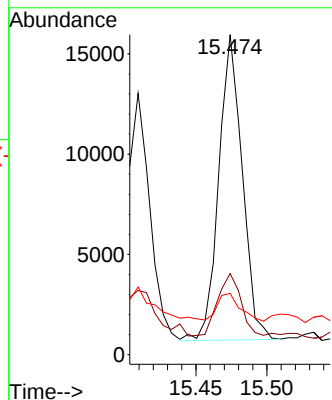
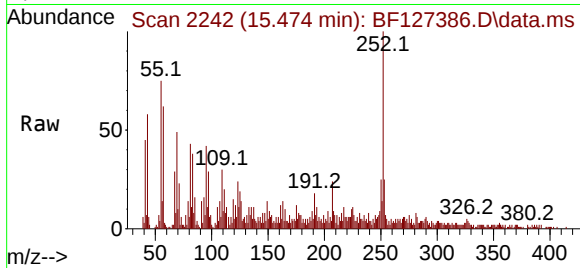




#90
Benzo(a)pyrene
Concen: 3.419 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

Instrument :
BNA_F
ClientSampleId :
TPK-2

Tgt Ion:252 Resp: 17488
Ion Ratio Lower Upper
252 100
253 25.4 17.1 25.7
125 19.1 13.0 19.6



#92
Benzo(g,h,i)perylene
Concen: 2.254 ng
RT: 17.509 min Scan# 2588
Delta R.T. 0.006 min
Lab File: BF127386.D
Acq: 17 Mar 2022 20:10

Tgt Ion:276 Resp: 10911
Ion Ratio Lower Upper
276 100
277 30.9 18.5 27.7#
138 22.4 25.9 38.9#

